

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 11241880 A

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(43) Date of publication of application: 07.09.99

(51) Int. CI F25D 25/02		
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(54) OPEN SHOWCASE

(57) Abstract:

PROBLEM TO BE SOLVED: To enhance cooling performance of goods on each shelf unit by improving the chill delivery system of open showcase.

SOLUTION: The open showcase 1 has a heat insulating wall 6 opening forward and the inside of which is partitioned to form a storage chamber 9 and a duct 11. A cooler disposed in the duct 11 supplies chill through a fan into the storage chamber 9 provided with a plurality of stages of shelf unit 2. Each shelf unit 2 comprises left and right brackets 22 engaged with a strut 26, a rail fixed to each bracket 22, a shelf plate 3 movable back and forth on the rail, and a reinforcing plate 23 stretching across the brackets 22 under shelf plate 3 at a specified interval. A chill passage 31 is formed between the shelf plate 3 and the reinforcing plate 23 while communicating, at the rear end thereof, with the duct 11 and at the front end thereof, with an air outlet 32 made in the lower surface at the front part of the shelf unit 2.

